

# SOUTH PRODUCTION NOTES

March 17, 2016

11-7 Shift Notes

**BASF EMPLOYEES**

111 Last Recordable

178 Last Lost time

**Title V Notes:** Trimer is leaking between satge 1 and 2 on the East side.

CTO – Is on line. The diverter valve needed to be moved into place by hand. Calciner #3 is coming up to temperature.

F-1 Scrubber – Only sample scrubber and sump once per day (1<sup>st</sup> shift).

Sly Scrubber – Need to perform PM sampling once a day (2<sup>nd</sup> shift).

#8 Dust Collector – maintenance is done- Dp looks good now.

## **#1 MED / AI-3945:**

After we start feeding the calciner we can start up the MED line.

Grodecki to trial a different type of insert. Coming soon...

When we start back up we need to keep the extruder speed between 20-25 per the engineer. We have been getting the best lab results that way. Make sure we are greasing end seals.

Don't get too far ahead of the calciner.

## **#1 RC / AI 3945:**

Temps are being brought up now. After trimer is fixed this is our first priority to get running.

## **#2 MED line / Styrene:**

Only 2 batches left to make then start cleaning mixer so that maintenance can remove plows. **Need to put scoops of wet mix in all batches to use it up.**

Then Schirmer to soda blast mixer before new plows are installed.

One of the extruder pin heads broke off when reshimming auger. Pin is still in hole and is still holding. **Do not leave cardboard on the used pallets.** Continue to feed recently run bags to the calciner first. We do not need to go in bag order, Justin would just like to get results on what we are currently making as we build feed. At the beginning of every shift, the mix operator should open the mixer, check the discharge valve to make sure it's open, check the chute to make sure it's not glazed over, and check the injectors. Make sure wet mix goes into white top drums. Water addition has been raised to 85 lbs. Do not wash Styrene down the drain – contains moly.

### **#2 RC/ Styrene:**

Continue to feed recently run bags to the calciner. We do not need to go in bag order, Justin would just like to get results on what we are currently making as we build feed. Make sure that all fines/oversized drums are white top drums – due to the weight of the product and use of dry ice. The Floor CRT will need to take a sample out of the F1 scrubber and sump in B31 to wastewater once a day. Before unlocking building 31 sump WWTP will test these samples for moly and if the sump is low, we can unlock and send to WWTP. At all other times the west sump will remain locked out.

WOW for replacement of gasket on top of Calciner spiral

Transition sock changed on first shift 3/16/16

Need to remind operators that Styrene material can't be washed down the drain.

### **#3 MED line / D-0717 LAQ**

Holding until calciner is running and we get some results. Call Bodmann with any questions.

Need to unlock dryer spiral diverter valve before continuing to run MED line. Make sure we are greasing end seals once per shift.

### **#3 RC / D-0717 LAQ**

Cleaning is done. Lit on 2nd shift and coming up to temp exhausting to F1. When ready to run, Divert flow to the CTO.

CTO fresh air bypass valve was changed out today, need to have the CTO running before starting feed on calciner.

Feed in batch order and fill out calciner feed sheets.

### **#4 RC / D-0222:**

Lit and coming up to temps. Cannot feed until Trimer issue is resolved.

When we resume running keep an eye on the oversize screen (blinding over).

Oversize screen has been changed over to 2 mesh per Andrea.

Remember that your feed rate is not only based on the syntron settings but also the amount of fines and oversized material coming off the calciner. If the feed rate is dropping check the screener first to see if it is blinded over.

Keep a close eye on the temps and feed rate, we have been underfiring material.

Feed oversize into a bag and keep for refeeds later in the run.

### **#5 RC / 4011 next: Full cleaning**

Continue cleaning. Dust Collector cartridges have been installed even though they are not signed off on clean up sheet.

When running, feed Hopper should not be filled past 2ish feet below the top to allow room for blowdowns. HEPA filter was last changed out 2-25-16 on midnight shift.



### **#6 RC & Dryer / Clean for D-1767 NAQ:**

Dryer cleaning is nearly complete. Just need a final clean up and close up, unlock and get started up to be ready to feed around 9am. **Wait for John Bodmann before feeding anything.**

Relocate bag station back to repack hopper.

DL page will be in early to switch chute back to the syntron. **Refer to MI instructions section 5.5.2 to get the calciner temperatures set up correctly for the morning.**

**Do not use check weigh scale in bldg 27 until OCS calibrates.** Take drums to bldg 31 to check weigh.

### **West Pfaudler / D- 0222:**

Tank 7 has been oked for use. Two batches were made on second shift. **Only use material from Lot 191 no other material is in pass.** Should be making at least 2 batches per shift.

### **East Pfaudler/ D-1767 NAQ: Trial**

Started up 1<sup>st</sup> batch on day shift. Will do second batch Thursday. **Wait for John Bodmann before loading.** We may need someone to unload the batch on 2<sup>nd</sup> shift.

### **6 Tank: D-0222 solution:**

Do not make a tank, hold for engineering approval.

### **7 Tank: D-0222 Solution:**

Tank has been ok'ed for use approx. Only 1 batch can be made from Lot 191. Watch temperature.

### **National Dryer / D-0222:**

Feed as material is available. Grodecki gave the okay to use the material made with Lot 186 raws.

### **PK Blender / 4011/4010 next:**

We would like to power wash out the PK to see if we get a bunch more lining off, but the power washer does not work – a new pressure washer has been ordered. **Need to make sure that the building is being cleaned up! Contact EHS to get it de-reged when clean.**

Dust collector can be blown down by switching the magnahelic gauge to 0 and then shutting off the blower when it starts to blow down. DC gauge has been added to Wonderware and has been moved over to near the weigh tank. Gauge should be set at 3.5 and 4.25.

### **Abbe Blender / D 5206:**

**HF tote has been closed up and Abbe lid was remove and vessel cleaned out. Cover plates over open hole in floor have been reinstalled.**

**Tower 3 / Cu-1230:**

**Tower running.**

**Tower 6 / Cu-1155:**

**Engineer decided to hold the tower unload until Thursday morning. Will need to follow procedure for tower unload including monitoring please sign off on training sheet, and have an ERT member in SCBA available for opening the top. Do not use the dust collector when opening top.**

**North Screener /Cu-1155:**

**Screener is set up for Cu-1155. Holding for engineering**

**South Screener /Cu-1155:**

**Continue to run. Keep an eye on the feed rate.**

**#2662 (west) Pill Machine /**

**Back together and holding.**

**#2664 (east) Pill Machine /**

**Back together and holding.**

**TK #2 / Zr-0404:**

**Done. Blowers have been turned off and kiln is down. Leave the saggars on - we don't know what product we will be going to next.**

**TK #4 / Cu-2508 DONE, X-540 next:**

**Blowers have been turned off and kiln is down. Clean and swap out saggars when time permits. Need MOD. Had issues with the hydraulic system kicking out, and also the screener. Has been operating at a lower than normal pressure - WOW.**

**Harrop Kiln / Al-4196:**

**Continue to run. More material was found last night continue.**

**Building 27 Belt Filter / Cu 5020:**

**Need to send contents of tank 6 to waste water so that maintenance can do some.**

**Maintenance is currently doing repairs to the belt and will let us know when they are finished.**

**We have switched to 188 lined super sacks. These will need cardboard sleeves around them and new clean pallets.**

**PRIORITIES:**

- 1) East Pfaudler/#6 RC
- 2) West Pfaudler/Nat'l Dryer/#4RC/Trimer
- 3) #1 MED/RC
- 4) #3 MED/RC/CTO
- 5) #2 RC South
- 6) #5 RC (Change over for 4011/4010)
- 7) #2 MED
- 8) Reduction Towers
- 9) Harrop Kiln